

US-PAT-NO: 6609251

DOCUMENT-IDENTIFIER: US 6609251 B1

TITLE: Digital broadcasting
transmitting method, digital
broadcasting
transmitting apparatus, and digital
broadcasting
reproducing apparatus

----- KWIC -----

US Patent No. - PN (1):
6609251

US Document Identifier - DID (1):
US 6609251 B1

Brief Summary Text - BSTX (23):

Packets 13.about.16 are service
information packets. The packet 13 is an
NIT packet, and defines a frequency on
which video data of PROGRAM NUMBERS 1
and 3 is transmitted. In this illustrated
example, the video data of PROGRAM
NUMBERS 1 and 3 is multiplexed and
transmitted on 12.568 GHz. A packet 14 is
a

PMT (Program Map table) packet, and illustrates that the video data of PROGRAM NUMBER 1 is contained in the packet of packet ID 0x91, and the video data of PROGRAM NUMBER 3 is contained in the packet of packet ID 0x93. A packet 15 is an EIT packet, and in general, there are two types of EIT packets, namely, a PF-EIT packet which contains information about present and following events, and an SC-EIT packet which contains information (schedule) about a relatively long-term (a week) event. The EIT packet 15 herein is SC-EIT packet indicative of schedule, and illustrates that in PROGRAM NUMBER 1, "baseball 1" from 19:00 to 20:00, "quiz" from 20:00 to 21:00, and "western movie" after 21:00, are supposed to be broadcast, and in PROGRAM NUMBER 3, "baseball 1" from 19:00 to 20:00, "soccer" from 20:00 to 21:00, "baseball 2" from 21:00 to 22:00, and "news" after 22:00 are supposed to be broadcast. A packet 16 is an SDT packet, and contains information for each service (PROGRAM) i.e., information indicative of PROGRAM NUMBER, type, and name for identification.